

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/002615

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60R1/02 B60R1/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B60R G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/102621 A (PERKES JASON STEPHEN ; SOUTH BANK UNIVERSITY ENTPR LT (GB)) 27 December 2002 (2002-12-27)	1-7, 11, 14, 15
Y	the whole document	5, 8-10
Y	US 2002/005778 A1 (JOHNSON WENDELL C ET AL) 17 January 2002 (2002-01-17) paragraph '0002! - paragraph '0013! paragraph '0111! - paragraph '0161! paragraph '0177! paragraph '0192! - paragraph '0204! paragraph '0220! - paragraph '0221! paragraph '0241! figure 3 figure 11	1-11



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the International search

22 September 2004

Date of mailing of the International search report

29/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 198 01 205 A (VOLKSWAGENWERK AG) 30 July 1998 (1998-07-30) column 4, line 17 - line 29 -----	5,8-10
Y	US 6 169 478 B1 (HADA SATOSHI ET AL) 2 January 2001 (2001-01-02) column 7, line 65 - column 8, line 10 -----	5,8-10
Y	EP 1 312 506 A (FIAT RICERCHE) 21 May 2003 (2003-05-21) the whole document -----	1-7,11
A	US 5 963 127 A (LANG HEINRICH ET AL) 5 October 1999 (1999-10-05) the whole document -----	1-15
A	US 5 306 953 A (WEINER ROBERT I) 26 April 1994 (1994-04-26) the whole document -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/002615

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02102621	A	27-12-2002	CA 2450642 A1	27-12-2002
			EP 1401679 A1	31-03-2004
			WO 02102621 A1	27-12-2002
			US 2004165292 A1	26-08-2004
US 2002005778	A1	17-01-2002	US 2004148057 A1	29-07-2004
			AU 5964001 A	20-11-2001
			GB 2369737 A	05-06-2002
			JP 2003532959 T	05-11-2003
			WO 0185491 A1	15-11-2001
DE 19801205	A	30-07-1998	DE 19801205 A1	30-07-1998
US 6169478	B1	02-01-2001	JP 3330313 B2	30-09-2002
			JP 11175898 A	02-07-1999
			DE 19856823 A1	24-06-1999
EP 1312506	A	21-05-2003	IT T020011057 A1	07-05-2003
			EP 1312506 A2	21-05-2003
US 5963127	A	05-10-1999	DE 29617413 U1	21-11-1996
			BR 9704943 A	27-04-1999
			EP 0834424 A1	08-04-1998
US 5306953	A	26-04-1994	NONE	